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UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service

cooperating with

IOWA DEPARTMENT OF AGRICULTURE
Division of Agricultural Statistics

assisted by

Iowa State College Extension Service

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IOWA AGRICULTURAL STATISTICS



DICKINSON COUNTY

* * *

County Statistical Bulletin

No. 16

*

Office of the Agricultural Statistician
305 United States Court House
Des Moines, Iowa

IOWA CROP AND LIVESTOCK REPORTING SERVICE
Division of Agricultural Statistics
Leslie M. Carl, Director

* * * * *

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IOWA STATE COLLEGE EXTENSION SERVICE
R. K. Bliss, Director

AGRICULTURAL STATISTICS - DICKINSON COUNTY

County Statistical Bulletin No. 16

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FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture, working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of a historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, state and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 21 and 23.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa
October, 1940

IOWA AGRICULTURAL STATISTICS - DICKINSON COUNTY

Dickinson County originally belonged to the Old Fayette County established by the Wisconsin Territorial Assembly in 1837 1/, but under the Act of January 15, 1851 it was created as a separate political subdivision of Iowa with its present boundaries and attached to Polk County for administrative and judicial purposes. 2/

The first settlers of record were Rowland Gardner and Harvey Luce with their families from New York, who settled on the south-east shore of Lake Okoboji near the present site of Pillsbury Point on July 16, 1856. They were followed the same year by four young men from Minnesota, a family from Delaware County, another from Franklin County and William Marble and family from Linn County. 3/ All these people were tragically concerned in the Spirit Lake Massacre by the Sioux Indians in 1857, most of them being killed. 4/ After the Indian uprising was quelled and the Sioux removed from the State other settlers came and made homes about the lakes. In 1857 a town was laid out on the peninsula formed by Spirit Lake and East Okoboji and named Spirit Lake--this became the county seat later. 5/ The county was named for Daniel S. Dickinson, a prominent statesman. 6/

Some of the trials the early settlers went through may be judged by the fact that the State paid a bounty on blackbirds that were found in such numbers that they destroyed the crops of the settlers. This bounty was paid for four years, from 1860 to 1864. 7/ Fuel of all kinds was so scarce that prairie hay was twisted into ropes and used for burning in the fire places 8/, but the worst happening that befell them was the scourge of grasshoppers that literally ate the crops for four years--from 1873 to 1878. This devastation was so severe that the State appropriated \$50,000 for the relief of the suffering caused by the ravages of these insects. 9/

The Burlington, Cedar Rapids and Northern Railroad was completed into Spirit Lake on July 11, 1882. 10/ The line is now a part of the Chicago, Rock Island and Pacific Railroad. 10/

Area

Dickinson County is 17 by 24 miles in extent with an area of 376 square miles 11/, or 240,640 acres. Of this number 234,877 acres are

-
- 1/ Wisconsin Territorial Laws, 1836-37-38. p. 132.
2/ Third General Assembly. Ch. IX, Sec. 31. p. 512. 1851.
3/ History of Emmet and Dickinson Counties. vol. I, p. 249. The Pioneer Publishing Co., Chicago, Ill. 1917.
4/ Ibid., p. 289.
5/ Ibid., p. 240.
6/ Ibid., p. 247.
7/ Ibid., p. 359.
8/ Ibid., p. 267.
9/ Ibid., p. 399.
10/ Ibid., p. 358.
11/ Fifteenth Census of the U. S. Populations, vol. I, pp. 362-363. 1930.

listed as farm lands. 12/ There are twelve townships--each being six miles square with the exception of the northern tier which is but five miles wide due to the Minnesota state line being its northern boundary. It ranks 71 in point of size in the State.

Soils

The soils of Dickinson County are grouped into three classes according to their origin and location; namely, drift, terrace, swamp and bottom-land. The drift soils cover 75.3 percent of the area of the county and divided into Clarion loams--48.7 percent, Webster loams--12.2 percent, Carrington loams--6.7 percent, Pierce loams--6.6 percent, and the Dickinson loams--1.1 percent. The terrace soils cover 5.6 percent of the surface and are divided into O'Neill loams--3.9 percent, Sioux loams--1.0 percent and Fargo loams--0.7 percent. The swamp and bottom-land soils cover 19.1 percent of the area and are divided into Lamoure silty clay loams--15.8 percent, Wabash silt loam--0.3 percent and Muck--3.0 percent. 13/

Topography

The surface features of Dickinson County vary from rolling and hilly in the northern and central parts to level and slightly undulating in the southern and east central parts. A rough boundary between these two topographic divisions of the county may be drawn from a short distance south of Stony lake, southeast, passing south Sylvan, Pratt and West Okoboji lakes, then southeast to section 15 of Milford township and then northeast along Bull ditch to the vicinity of Superior and then east to the county line. The general slope of the county is toward the south, and the elevation ranges from 1,500 feet in the north to 1,400 feet in the south. The Little Sioux River crosses the county from north to south and with its tributaries it drains the western two-thirds of the county. In the north the valley of this stream is from 50 to 75 feet below the upland surface and in its lower course, especially in Okoboji township the channel is 75 to 125 feet below the upland level. Stony Creek drains the southwest and Mud Creek drains the southeastern part of the county. There are many lakes in this county and several are summer resorts. 14/

Climate

The average temperature for the 25 years between 1905 and 1930 was 44 degrees. The average precipitation for the 26 years between 1879 and 1905 in this county was 27.56 inches, and the growing season averaged 141 days between the dates of the killing frost of May 12 and September 30, recorded over a 10-year period. 15/

12/ United States Bureau of the Census. United States Census of Agriculture: 1925, Iowa, p. 12.

13/ Iowa Agricultural Experiment Station. Soil Survey of Iowa, Dickinson County. Soil Survey Report No. 37: 12-13. 1924.

14/ Ibid., pp. 10-11-12.

15/ United States Weather Bureau. Climatic Summary of the United States from establishment of stations, 1905 to 1930, inclusive. Section 50--Western Iowa, pp. 16-18-19. 1933.

The first census of Dickinson County, 1859, gave it 121 inhabitants, this number increased very slowly until about 1880, after this date the population increased extremely fast with no recession; the 1930 count was 10,982. It has a density of 29 per square miles as compared with the State density of 44. The following table gives the number of inhabitants at ten year enumerations:

| <u>Year</u> | <u>Inhabitants</u> | <u>Urban</u> | <u>Rural</u> |
|-------------|--------------------|------------------|------------------|
| 1860 | 180 | - | - |
| 1870 | 1,389 | - | - |
| 1880 | 1,901 | - | - |
| 1890 | 4,326 | - | - |
| 1900 | 7,995 | 2,992 | 5,003 |
| 1910 | 8,135 | 3,074 | 4,063 |
| 1920 | 10,241 <u>16/</u> | 4,639 <u>17/</u> | 5,602 |
| 1930 | 10,982 <u>19/</u> | 5,143 | 5,749 |
| 1935 | - | - | 5,692 <u>18/</u> |

The foreign born and native white of foreign born or mixed parentage content of Dickinson County in 1930 was 4,929 or 44.8 percent of the total population. Of this number those of German descent led with 1,571, the Norwegians had 383, the Swedes had 237 and the Danes had 233. About 18 other nationalities had small representations. 20/

Cooperatives

In 1937 there were three cooperative institutions in operation in this county--three elevators.

As a whole they had 409 members of which 331 were active, and 1,150 persons did business with the three concerns. The selling cooperatives had a business volume of \$546,971 and the purchasing cooperatives did \$76,431 worth of business.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons. 21/

16/ Census of Iowa. 1925. pp. 710-711. Des Moines, Iowa. 1926.

17/ Ibid., pp. 925 et seq.

18/ Iowa Official Register. 1937-1938. Thirty-Seventh Number, pp. 368 et seq.

19/ U. S. Census of Agriculture. Iowa, p. 12, 1935. . . .

20/ Fifteenth Census of the U. S. Populations, vol. III, Part 1, pp. 785-786-787-788. 1930.

21/ Unpublished data from:-

Omaha Farm Credit Administration and Iowa State College.

Fruit

The peak year for apples in Dickinson County was 1909 when 17,032 trees bearing 13,597 bushels were recorded. The 1934 record was 7,854 trees and 4,325 bushels. Peaches were of no importance and plums had their largest number of trees, 6,380 in 1894, but the production of 842 bushels in 1934 was the leading harvest. Cherries have been negligible. Grapes had their big year for vines in 1894 when 2,894 were listed but the largest crop was in 1934 when 2,478 pounds were listed. 22/

Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production, the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm production shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the state assessors' office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by township with this yield, and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are, therefore, consistent in all years except 1934 and 1936.

22/ Census of Iowa. 1875-1885-1895. United States Bureau of the Census.
Thirteenth Census of the United States: 1910, Agriculture: Iowa.
Bulletin. pp. 10-12.

TABLE 1
LAND UTILIZATION AND YIELDS, 1929-1938
County Summary

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | BARLEY | | RYE | |
|-------------|-----------|------------------|----------------|--------|-----------|--------|-----------|--------|-----------|-------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 1,189 | 236,996 | 199 | 84,402 | 36 | 54,300 | 38 | 17,520 | 31 | 1,187 | 22 |
| 1930 | 1,225 | 234,832 | 192 | 83,747 | 28 | 56,200 | 35 | 12,550 | 29 | 1,550 | 19 |
| 1931 | 1,204 | 235,336 | 195 | 86,133 | 31 | 53,112 | 33 | 13,294 | 29 | 1,550 | 19 |
| 1932 | 1,179 | 234,591 | 199 | 85,738 | 39 | 52,320 | 35 | 16,870 | 23 | 938 | 16 |
| 1933 | 1,223 | 234,057 | 191 | 86,610 | 45 | 53,511 | 17 | 17,585 | 13 | 621 | 17 |
| 1934 | 1,223 | 235,586 | 193 | 67,840 | 33 | 50,912 | 17 | 15,195 | 14 | 861 | 13 |
| 1935 | 1,223 | 236,248 | 193 | 73,345 | 37 | 55,808 | 36 | 19,912 | 26 | 1,307 | 19 |
| 1936 | 1,221 | 235,308 | 193 | 81,349 | 21 | 52,266 | 26 | 13,712 | 17 | 716 | 19 |
| 1937 | 1,197 | 234,830 | 196 | 82,192 | 46 | 55,338 | 47 | 10,929 | 32 | 1,083 | 20 |
| 1938 | 1,110 | 234,350 | 194 | 74,844 | 46 | 53,908 | 37 | 10,570 | 26 | 827 | 19 |
| 10 Yr. Ave. | 1,209 | 235,213 | 194 | 80,620 | 40 | 53,768 | 32 | 14,815 | 24 | 1,064 | 19 |

| Year | SOYBEANS | | FLAXSEED | | GRASS SEED | | | TAME HAY | |
|-------------|----------|-----------|----------|-----------|---------------|-----------------------|--------------------|----------------|--------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 33 | 7 | 452 | 12 | 10 | 123 | 42 | 3,797 | 9,749 |
| 1930 | 5 | 5 | 1,244 | 13 | 33 | 38 | 33 | 4,519 | 10,657 |
| 1931 | 14 | 5 | 2,032 | 10 | 67 | - | 110 | 4,478 | 9,382 |
| 1932 | 36 | 9 | 1,674 | 10 | 56 | - | 44 | 5,717 | 9,459 |
| 1933 | 147 | 11 | 1,781 | 5 | - | 14 | 108 | 6,026 | 10,137 |
| 1934 | 133 | 9 | 829 | 5 | 4 | 4 | 120 | 6,492 | 14,286 |
| 1935 | 189 | 10 | 537 | 10 | 136 | 114 | 180 | 7,384 | 12,198 |
| 1936 | 44 | 8 | 511 | 9 | 12 | 69 | 278 | 8,162 | 12,606 |
| 1937 | 245 | 12 | 794 | 11 | 39 | 89 | 136 | 9,005 | 13,172 |
| 1938 | 411 | 14 | 568 | 13 | 41 | 114 | 319 | 8,607 | 14,301 |
| 10 Yr. Ave. | 126 | 12 | 1,042 | 9 | 40 | 56 | 137 | 6,419 | 11,595 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Buildings, Feedlots, Highways Acres | Woodlots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres |
|-------------|----------------|-------------------|-----------------------|-------------------------------------|--------------------------------|------------------|----------------------|
| 1929 | 4,510 | 48,653 | 1,367 | 12,497 | 268 | 1,925 | 81 |
| 1930 | 3,906 | 50,154 | 1,398 | 11,753 | 297 | 1,260 | 45 |
| 1931 | 3,306 | 50,298 | 1,662 | 12,416 | 105 | 1,554 | 301 |
| 1932 | 3,228 | 47,654 | 1,476 | 12,708 | 150 | 1,824 | 416 |
| 1933 | 3,257 | 44,055 | 1,157 | 12,097 | 281 | 1,276 | 1,435 |
| 1934 | 3,477 | 50,235 | 4,672 | 12,570 | 299 | 2,225 | 11,934 |
| 1935 | 3,178 | 50,707 | 3,280 | 12,683 | 135 | 1,678 | 975 |
| 1936 | 2,973 | 50,306 | 1,836 | 12,540 | 180 | 1,517 | 4,453 |
| 1937 | 2,764 | 47,635 | 1,927 | 13,186 | 285 | 2,085 | 3,020 |
| 1938 | 2,620 | 49,153 | 2,278 | 13,611 | 116 | 2,494 | 8,289 |
| 10 Yr. Ave. | 3,322 | 48,885 | 2,105 | 12,606 | 212 | 1,784 | 3,295 |

10 Year Average Acres: Winter Wheat 214; Spring Wheat 186; Popcorn 182. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

Included in "All Tame Hay."

TABLE 2
ACREAGE AND YIELDS OF HAY
County Summary

| Year | Mixed Clover & Timothy | | Alfalfa | | Wild Hay | | All Tame Hay | |
|-------------|---------------------------|---------------------|---------|---------------------|----------|---------------------|--------------|---------------------|
| | Acres | Tons Per Acre | Acres | Tons Per Acre | Acres | Tons Per Acre | Acres | Tons Per Acre |
| 1929 | 3758 | 1.44 | 3797 | 2.14 | 4510 | 1.12 | 9749 | 1.71 |
| 1930 | 4261 | 1.22 | 4519 | 2.64 | 3906 | .67 | 10657 | 1.80 |
| 1931 | 2716 | .96 | 4478 | 1.62 | 3306 | .64 | 9382 | 1.27 |
| 1932 | 1896 | 1.40 | 5717 | 2.75 | 3228 | 1.00 | 9459 | 2.16 |
| 1933 | 3482 | .89 | 6026 | 1.88 | 3257 | .92 | 10137 | 1.47 |
| 1934 | 2198 | 1.06 | 6492 | 1.63 | 3477 | 1.15 | 14286 | 1.43 |
| 1935 | 2361 | 1.47 | 7384 | 1.60 | 3178 | .96 | 12198 | 1.47 |
| 1936 | 2556 | .97 | 8162 | 1.55 | 2973 | .75 | 12606 | 1.32 |
| 1937 | 2286 | 1.12 | 9005 | 2.22 | 2764 | 1.10 | 13172 | 1.89 |
| 1938 | 3015 | 1.37 | 8607 | 2.28 | 2620 | 1.05 | 14301 | 1.90 |
| 10 Yr. Ave. | 2853 | 1.19 | 6419 | 2.01 | 3322 | .94 | 11595 | 1.64 |

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 3
LAND UTILIZATION AND YIELDS

Center Grove Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | FLAXSEED | | BARLEY | |
|-------------|--------------|------------------------|----------------------|-------|--------------|-------|--------------|----------|--------------|--------|--------------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 124 | 18436 | 149 | 5730 | 39 | 3096 | 39 | 25 | 9 | 1498 | 32 |
| 1930 | 133 | 18562 | 140 | 5660 | 26 | 3247 | 34 | 129 | 9 | 1047 | 30 |
| 1931 | 130 | 18510 | 142 | 5916 | 30 | 3319 | 37 | 127 | 11 | 976 | 35 |
| 1932 | 124 | 18449 | 149 | 5796 | 42 | 3239 | 35 | 100 | 8 | 990 | 26 |
| 1933 | 137 | 18749 | 137 | 6003 | 47 | 3500 | 19 | 180 | 5 | 1149 | 14 |
| 1934 | 137 | 19078 | 139 | 4501 | 32 | 3334 | 16 | - | - | 710 | 14 |
| 1935 | 137 | 19501 | 142 | 5018 | 38 | 3869 | 36 | 37 | 10 | 961 | 30 |
| 1936 | 135 | 19539 | 145 | 5226 | 21 | 3603 | 27 | 50 | 12 | 688 | 18 |
| 1937 | 125 | 18969 | 152 | 5526 | 46 | 4021 | 45 | 53 | 8 | 407 | 31 |
| 1938 | 126 | 18538 | 147 | 4995 | 44 | 3726 | 35 | 68 | 11 | 350 | 27 |
| 10 Yr. Ave. | 131 | 18833 | 144 | 5437 | 37 | 3495 | 32 | 77 | 9 | 878 | 26 |

| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | |
|-------------|-------|--------------|----------|--------------|------------------|------------------------------|--------------------------|-------------------|--------------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 44 | 28 | - | - | - | - | - | 507 | 942 |
| 1930 | 61 | 21 | - | - | - | - | - | 608 | 1086 |
| 1931 | 44 | 19 | - | - | - | - | - | 543 | 972 |
| 1932 | 30 | 12 | - | - | - | - | - | 609 | 1073 |
| 1933 | 6 | 8 | 10 | 15 | - | - | - | 622 | 1018 |
| 1934 | 34 | 12 | - | - | - | - | 20 | 655 | 2362 |
| 1935 | 32 | 17 | 12 | 5 | - | 40 | - | 731 | 1440 |
| 1936 | 7 | 30 | - | - | - | - | 31 | 794 | 1405 |
| 1937 | 21 | 7 | 3 | 12 | - | 40 | 15 | 888 | 1493 |
| 1938 | 8 | 18 | 18 | 13 | - | - | 25 | 916 | 1653 |
| 10 Yr. Ave. | 29 | 18 | 4 | 11 | 0 | 8 | 9 | 687 | 1344 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Bldgs., Feed Lots, Highways Acres | Wood Lots for Tim- ber only Acres | Waste- land Acres | Idle Crop Land Acres |
|-------------|----------------------|-------------------------|--------------------------------|--------------------------------------------|--------------------------------------------|-------------------------|-------------------------------|
| 1929 | 779 | 4891 | 225 | 1206 | - | - | - |
| 1930 | 425 | 5519 | 234 | 1154 | - | - | - |
| 1931 | 405 | 5411 | 155 | 1031 | - | 154 | - |
| 1932 | 441 | 5365 | 250 | 1056 | - | 109 | - |
| 1933 | 481 | 4826 | 306 | 1156 | 5 | 109 | - |
| 1934 | 515 | 6102 | 157 | 1236 | - | 100 | 7 |
| 1935 | 429 | 6335 | 126 | 1242 | - | - | - |
| 1936 | 313 | 6711 | 50 | 1206 | 12 | 20 | 217 |
| 1937 | 273 | 5613 | 36 | 1252 | 2 | 243 | 11 |
| 1938 | 273 | 6069 | 25 | 1259 | - | 45 | 24 |
| 10 Yr. Ave. | 435 | 5684 | 156 | 1180 | 2 | 78 | 26 |

10 Yr. Ave. Acres ~ Spring Wheat 14 *Included in "All Tame Hay".
 Popcorn 9 Winter Wheat 43 Source: Iowa Department of Agriculture.
 (Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 4
LAND UTILIZATION AND YIELDS

Diamond Lake Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | FLAXSEED | | BARLEY | |
|-------------|--------------|------------------------|----------------------|-------|--------------|-------|--------------|----------|--------------|--------|--------------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 82 | 17858 | 218 | 5922 | 35 | 3723 | 35 | 57 | 8 | 1643 | 29 |
| 1930 | 90 | 17968 | 200 | 5837 | 20 | 4011 | 30 | 38 | 5 | 1197 | 24 |
| 1931 | 85 | 17926 | 211 | 6270 | 23 | 3910 | 25 | 96 | 9 | 1175 | 21 |
| 1932 | 85 | 17916 | 211 | 5992 | 35 | 3888 | 31 | 75 | 3 | 1570 | 21 |
| 1933 | 89 | 17948 | 202 | 6256 | 47 | 3888 | 16 | 104 | 6 | 1483 | 12 |
| 1934 | 88 | 17914 | 204 | 4671 | 30 | 4002 | 14 | - | - | 1220 | 14 |
| 1935 | 91 | 17948 | 197 | 5136 | 37 | 4243 | 33 | 23 | 9 | 1661 | 27 |
| 1936 | 92 | 17983 | 195 | 6196 | 25 | 4047 | 27 | 88 | 9 | 1069 | 17 |
| 1937 | 91 | 18172 | 200 | 6170 | 43 | 4347 | 44 | 57 | 10 | 832 | 33 |
| 1938 | 93 | 17581 | 189 | 5447 | 46 | 3782 | 37 | 20 | 17 | 1002 | 26 |
| 10 Yr. Ave. | 89 | 17921 | 202 | 5790 | 34 | 3984 | 29 | 57 | 8 | 1285 | 23 |

| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | |
|-------------|-------|--------------|----------|--------------|------------------|------------------------------|--------------------------|-------------------|--------------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo.* Acres | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 34 | 23 | - | - | - | - | - | 241 | 582 |
| 1930 | 102 | 15 | - | - | - | - | - | 435 | 827 |
| 1931 | 107 | 18 | - | - | - | - | - | 323 | 602 |
| 1932 | 76 | 16 | - | - | - | - | - | 403 | 549 |
| 1933 | 22 | 4 | 9 | 14 | - | - | - | 356 | 561 |
| 1934 | 72 | 21 | - | - | - | - | - | 444 | 699 |
| 1935 | 56 | 19 | 13 | 8 | 11 | 38 | - | 584 | 972 |
| 1936 | 12 | 32 | - | - | - | 15 | 15 | 623 | 860 |
| 1937 | 52 | 26 | - | - | - | - | - | 740 | 879 |
| 1938 | 99 | 15 | 81 | 4 | - | - | 50 | 724 | 1073 |
| 10 Yr. Ave. | 63 | 18 | 10 | 5 | 1 | 5 | 7 | 487 | 760 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Bldgs., Feed lots, Highways Acres | Wood lots, for Tim- ber only Acres | Waste- Land Acres | Idle Crop Land Acres |
|-------------|----------------------|-------------------------|--------------------------------|--------------------------------------------|---------------------------------------------|-------------------------|-------------------------------|
| 1929 | 666 | 3677 | 57 | 816 | - | 681 | - |
| 1930 | 535 | 3886 | 104 | 839 | 47 | 545 | - |
| 1931 | 540 | 3936 | 61 | 911 | - | 318 | - |
| 1932 | 589 | 3581 | 83 | 804 | - | 637 | 72 |
| 1933 | 577 | 3611 | 61 | 796 | 47 | 436 | 97 |
| 1934 | 555 | 3902 | 89 | 799 | - | 516 | 1389 |
| 1935 | 571 | 3899 | 86 | 895 | 4 | 331 | 47 |
| 1936 | 456 | 4013 | 27 | 888 | - | 294 | 18 |
| 1937 | 542 | 3848 | 5 | 887 | 10 | 314 | 219 |
| 1938 | 455 | 3829 | 52 | 869 | - | 191 | 631 |
| 10 Yr. Ave. | 549 | 3818 | 62 | 850 | 11 | 426 | 247 |

10 Yr. Ave. Acres - Spring Wheat 6 *Included in "All Tame Hay."
 Popcorn 10 Winter Wheat 6 Source: Iowa Department of Agriculture.
 (Acreages also shown in "All Other Crops.") Division of Agricultural Statistics.

TABLE 5
LAND UTILIZATION AND YIELDS

11

Excelsior Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | FLAXSEED | | BARLEY | |
|------------|-----------|------------------|----------------|-------|-----------|-------|-----------|----------|-----------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 115 | 22959 | 200 | 8152 | 37 | 5532 | 41 | 33 | 13 | 1444 | 30 |
| 1930 | 116 | 22880 | 197 | 8231 | 29 | 5712 | 36 | 124 | 10 | 1185 | 27 |
| 1931 | 108 | 22581 | 209 | 8609 | 30 | 5228 | 29 | 51 | 12 | 1278 | 24 |
| 1932 | 109 | 22535 | 207 | 8672 | 42 | 5285 | 39 | 108 | 11 | 1767 | 24 |
| 1933 | 109 | 22475 | 206 | 8658 | 45 | 5228 | 13 | 90 | 6 | 2129 | 12 |
| 1934 | 109 | 23243 | 213 | 6510 | 35 | 4644 | 18 | 44 | 6 | 1902 | 15 |
| 1935 | 107 | 23136 | 216 | 7103 | 31 | 4991 | 37 | 77 | 7 | 2361 | 26 |
| 1936 | 107 | 23222 | 217 | 8122 | 22 | 4492 | 28 | 18 | 4 | 1761 | 19 |
| 1937 | 103 | 22782 | 221 | 7973 | 47 | 4850 | 48 | 30 | 5 | 1426 | 34 |
| 1938 | 103 | 22944 | 223 | 7233 | 45 | 4998 | 39 | 13 | 11 | 1539 | 28 |
| 0 Yr. Ave. | 109 | 22876 | 211 | 7926 | 36 | 5096 | 33 | 59 | 9 | 1679 | 23 |

| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | |
|------------|-------|-----------|----------|-----------|---------------|-------------------------|--------------------|----------------|--------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres * | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 35 | 13 | - | - | - | 70 | - | 310 | 849 |
| 1930 | 69 | 21 | - | - | 7 | - | - | 338 | 902 |
| 1931 | 71 | 13 | 13 | 5 | 32 | - | - | 416 | 744 |
| 1932 | 145 | 17 | - | - | 31 | - | 20 | 413 | 765 |
| 1933 | 40 | 8 | 3 | 13 | - | - | - | 542 | 907 |
| 1934 | 100 | 10 | 14 | 11 | - | - | - | 583 | 1205 |
| 1935 | 173 | 17 | 21 | 10 | 27 | 10 | 32 | 668 | 969 |
| 1936 | 113 | 18 | 8 | 6 | - | 30 | 78 | 751 | 1040 |
| 1937 | 76 | 17 | 45 | 11 | - | - | 8 | 820 | 1117 |
| 1938 | 79 | 20 | 56 | 13 | 15 | - | 53 | 801 | 1326 |
| 0 Yr. Ave. | 90 | 16 | 16 | 11 | 11 | 11 | 19 | 564 | 982 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Bldgs., Feed Lots Highways Acres | Wood Lots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres |
|------------|----------------|-------------------|-----------------------|----------------------------------|---------------------------------|------------------|----------------------|
| 1929 | 590 | 4377 | 250 | 1160 | 35 | 502 | - |
| 1930 | 650 | 4651 | 146 | 1183 | - | 20 | - |
| 1931 | 505 | 4430 | 184 | 1185 | 8 | 76 | 167 |
| 1932 | 380 | 3963 | 49 | 1346 | - | 4 | - |
| 1933 | 385 | 3777 | 95 | 1114 | 5 | 20 | 24 |
| 1934 | 503 | 4816 | 584 | 1164 | 9 | 305 | 1443 |
| 1935 | 352 | 4927 | 389 | 1118 | 9 | 244 | 343 |
| 1936 | 370 | 4857 | 188 | 1142 | - | 214 | 819 |
| 1937 | 293 | 4705 | 191 | 1153 | - | 209 | 706 |
| 1938 | 308 | 5157 | 185 | 1174 | 5 | 95 | 708 |
| 0 Yr. Ave. | 434 | 4566 | 226 | 1174 | 7 | 169 | 421 |

0 Yr. Ave. Acres - Spring Wheat 37 *Included in "All Tame Hay".
 Popcorn 13 Winter Wheat 16 Source: Iowa Department of Agriculture.
 Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 6
LAND UTILIZATION AND YIELDS

Lakeville Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | FLAXSEED | | BARLEY | |
|-------------|-----------|------------------|----------------|-------|-----------|-------|-----------|----------|-----------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 84 | 17721 | 211 | 5904 | 36 | 4101 | 34 | 10 | 14 | 1035 | 29 |
| 1930 | 79 | 17246 | 218 | 5684 | 25 | 3877 | 31 | 15 | 11 | 608 | 31 |
| 1931 | 79 | 17835 | 226 | 5872 | 29 | 3646 | 28 | 80 | 9 | 1092 | 29 |
| 1932 | 78 | 17239 | 221 | 5968 | 40 | 3256 | 33 | 24 | 12 | 1346 | 22 |
| 1933 | 81 | 16697 | 206 | 5566 | 46 | 3426 | 13 | 21 | 10 | 1451 | 14 |
| 1934 | 79 | 16410 | 208 | 4299 | 34 | 3013 | 14 | - | - | 1090 | 13 |
| 1935 | 79 | 17041 | 216 | 5048 | 30 | 3679 | 36 | 47 | 11 | 1144 | 24 |
| 1936 | 79 | 17567 | 222 | 5567 | 19 | 3292 | 21 | 32 | 11 | 1014 | 19 |
| 1937 | 81 | 17606 | 217 | 5694 | 43 | 3874 | 45 | 27 | 9 | 674 | 29 |
| 1938 | 80 | 17498 | 219 | 5138 | 47 | 3792 | 36 | 12 | 25 | 640 | 25 |
| 10 Yr. Ave. | 80 | 17286 | 216 | 5474 | 35 | 3596 | 30 | 27 | 11 | 1009 | 22 |

| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | |
|-------------|-------|-----------|----------|-----------|----------------|------------------------|--------------------|----------------|--------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres* | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 122 | 24 | - | - | - | - | - | 65 | 680 |
| 1930 | 185 | 18 | - | - | - | - | - | 113 | 1020 |
| 1931 | 284 | 18 | - | - | - | - | - | 254 | 914 |
| 1932 | 64 | 16 | - | - | - | - | - | 318 | 896 |
| 1933 | 74 | 10 | - | - | - | - | - | 368 | 1011 |
| 1934 | 25 | 11 | - | - | - | - | - | 497 | 940 |
| 1935 | 132 | 13 | - | - | 55 | - | - | 573 | 859 |
| 1936 | 136 | 15 | - | - | - | - | - | 627 | 937 |
| 1937 | 88 | 16 | - | - | - | - | - | 706 | 996 |
| 1938 | 17 | 16 | - | - | - | 20 | - | 508 | 924 |
| 10 Yr. Ave. | 113 | 17 | 0 | 0 | 6 | 2 | 0 | 403 | 918 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Bldgs., Feed Lots, Highways Acres | Wood Lots, for Timber only Acres | Waste-land Acres | Idle Crop Land Acres |
|-------------|----------------|-------------------|-----------------------|-----------------------------------|----------------------------------|------------------|----------------------|
| 1929 | 243 | 4705 | 2 | 842 | 10 | 67 | - |
| 1930 | 313 | 4804 | 7 | 733 | - | - | - |
| 1931 | 294 | 4767 | 8 | 866 | - | 12 | - |
| 1932 | 242 | 4468 | - | 975 | - | - | - |
| 1933 | 272 | 3910 | 46 | 920 | - | - | - |
| 1934 | 313 | 4847 | 200 | 818 | - | 267 | 598 |
| 1935 | 310 | 4715 | 90 | 855 | - | 70 | 37 |
| 1936 | 292 | 4614 | 37 | 963 | - | 164 | 519 |
| 1937 | 257 | 4568 | 68 | 1105 | - | 116 | 89 |
| 1938 | 255 | 4743 | 27 | 914 | - | 514 | 522 |
| 10 Yr. Ave. | 279 | 4614 | 48 | 899 | 1 | 126 | 176 |

10 Yr. Ave. Acres - Spring Wheat 8

Popcorn 0 Winter Wheat 0

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 7
LAND UTILIZATION AND YIELDS

Lloyd Township

| Year | No. Farms | Acreages in Farms | Ave. Farm Size | CORN | | OATS | | FLAXSEED | | BARLEY | |
|------------|-----------|-------------------|----------------|-------|-----------|-------|-----------|----------|-----------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 95 | 22047 | 232 | 9231 | 39 | 6650 | 41 | 12 | 8 | 871 | 34 |
| 1930 | 92 | 21195 | 230 | 8721 | 29 | 6133 | 38 | 90 | 22 | 1003 | 35 |
| 1931 | 95 | 21801 | 229 | 8932 | 37 | 5906 | 41 | 546 | 10 | 992 | 35 |
| 1932 | 100 | 22201 | 222 | 9283 | 43 | 5907 | 37 | 167 | 11 | 1324 | 23 |
| 1933 | 97 | 22489 | 232 | 9543 | 47 | 6760 | 22 | 47 | 8 | 1270 | 16 |
| 1934 | 97 | 22101 | 228 | 7078 | 37 | 5958 | 18 | 30 | 8 | 1186 | 16 |
| 1935 | 100 | 22207 | 222 | 8028 | 41 | 6311 | 36 | 104 | 12 | 1626 | 23 |
| 1936 | 96 | 22129 | 231 | 8662 | 25 | 6170 | 30 | 15 | 9 | 864 | 16 |
| 1937 | 95 | 22429 | 236 | 8848 | 45 | 6509 | 50 | 89 | 11 | 576 | 32 |
| 1938 | 95 | 22539 | 237 | 8047 | 48 | 6426 | 35 | 43 | 9 | 601 | 28 |
| 0 Yr. Ave. | 96 | 22114 | 230 | 8637 | 39 | 6273 | 35 | 114 | 11 | 1031 | 25 |

| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | |
|------------|-------|-----------|----------|-----------|---------------|------------------------|--------------------|----------------|--------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 128 | 20 | 20 | 7 | - | - | - | 319 | 621 |
| 1930 | 86 | 18 | - | - | - | - | - | 346 | 652 |
| 1931 | 23 | 29 | - | - | - | - | - | 413 | 682 |
| 1932 | 53 | 13 | - | - | - | - | - | 411 | 677 |
| 1933 | 22 | 29 | 59 | 6 | - | - | - | 413 | 598 |
| 1934 | 69 | 13 | - | - | - | - | - | 431 | 735 |
| 1935 | 86 | 22 | 15 | 3 | - | - | - | 497 | 700 |
| 1936 | 62 | 22 | - | - | - | 19 | - | 725 | 1026 |
| 1937 | 44 | 21 | 57 | 12 | - | - | 48 | 751 | 891 |
| 1938 | 44 | 24 | - | - | - | - | 14 | 662 | 809 |
| 0 Yr. Ave. | 62 | 20 | 15 | 8 | 0 | 2 | 6 | 497 | 739 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Bldgs., Feed Lots, Highways Acres | Wood Lots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres |
|------------|----------------|-------------------|-----------------------|-----------------------------------|---------------------------------|------------------|----------------------|
| 1929 | 118 | 2997 | 67 | 1241 | - | 71 | 20 |
| 1930 | 128 | 3057 | 137 | 1161 | - | 27 | - |
| 1931 | 86 | 2673 | 592 | 1187 | - | 93 | 89 |
| 1932 | 76 | 2915 | 378 | 1294 | - | 83 | 44 |
| 1933 | 69 | 2888 | 22 | 1118 | 7 | 30 | 56 |
| 1934 | 66 | 3062 | 318 | 1139 | - | 85 | 2375 |
| 1935 | 104 | 3374 | 476 | 1182 | - | 68 | 133 |
| 1936 | 64 | 3315 | 298 | 1160 | - | 83 | 410 |
| 1937 | 71 | 3168 | 372 | 1221 | 59 | 35 | 441 |
| 1938 | 68 | 3402 | 290 | 1336 | - | 44 | 1415 |
| 0 Yr. Ave. | 85 | 3085 | 295 | 1204 | 7 | 62 | 498 |

0 Yr. Ave. Acres - Spring Wheat 8

Winter Wheat 94 Popcorn 40

Acres also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 8
LAND UTILIZATION AND YIELDS

Milford Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | FLAXSEED | | BARLEY | |
|-------------|--------------|------------------------|----------------------|-------|--------------|-------|--------------|----------|--------------|--------|--------------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 106 | 21909 | 207 | 8529 | 31 | 4943 | 31 | - | - | 2349 | 27 |
| 1930 | 112 | 22423 | 200 | 8935 | 27 | 5471 | 35 | 9 | 9 | 1675 | 29 |
| 1931 | 104 | 21540 | 207 | 8986 | 33 | 4757 | 37 | 88 | 8 | 1709 | 32 |
| 1932 | 106 | 22272 | 210 | 8468 | 31 | 5394 | 31 | 61 | 7 | 1990 | 19 |
| 1933 | 103 | 21983 | 213 | 8900 | 43 | 5337 | 18 | 104 | 5 | 1771 | 13 |
| 1934 | 118 | 22346 | 189 | 7068 | 33 | 5563 | 15 | 95 | 2 | 1614 | 12 |
| 1935 | 111 | 22327 | 201 | 7876 | 40 | 6099 | 37 | 71 | 9 | 2137 | 27 |
| 1936 | 103 | 21971 | 213 | 8333 | 20 | 5764 | 26 | 44 | 8 | 1554 | 17 |
| 1937 | 100 | 22008 | 220 | 8520 | 48 | 5902 | 45 | 20 | 20 | 1488 | 35 |
| 1938 | 108 | 21815 | 202 | 7894 | 47 | 5661 | 35 | 34 | 15 | 1150 | 24 |
| 10 Yr. Ave. | 107 | 22059 | 206 | 8351 | 36 | 5489 | 31 | 53 | 7 | 1744 | 24 |

| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | |
|-------------|-------|--------------|----------|--------------|------------------|-------------------------------|--------------------------|-------------------|--------------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres * | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 80 | 19 | 2 | 6 | - | - | - | 407 | 989 |
| 1930 | 113 | 19 | 5 | 5 | 8 | 15 | 6 | 404 | 1107 |
| 1931 | 58 | 14 | - | - | - | - | - | 372 | 1057 |
| 1932 | 57 | 16 | - | - | - | - | - | 671 | 992 |
| 1933 | 32 | 7 | - | - | - | - | - | 647 | 1039 |
| 1934 | 31 | 6 | 13 | 10 | - | - | 30 | 550 | 1550 |
| 1935 | 65 | 17 | 18 | 16 | - | - | 23 | 647 | 1135 |
| 1936 | 45 | 13 | 5 | 10 | - | 5 | 61 | 759 | 1129 |
| 1937 | 85 | 18 | 20 | 13 | - | 8 | - | 779 | 1122 |
| 1938 | 96 | 24 | 78 | 19 | 3 | 18 | 52 | 871 | 1255 |
| 10 Yr. Ave. | 66 | 17 | 14 | 16 | 1 | 5 | 17 | 611 | 1138 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Bldgs., Feed Lots, Highways Acres | Wood Lots for Tim- ber only Acres | Waste- land Acres | Idle Crop Land Acres |
|-------------|----------------------|-------------------------|--------------------------------|--------------------------------------------|--------------------------------------------|-------------------------|-------------------------------|
| 1929 | 16 | 3364 | 230 | 1334 | - | 53 | 20 |
| 1930 | 73 | 3600 | 273 | 1117 | 11 | 20 | - |
| 1931 | 77 | 3450 | 115 | 1216 | 6 | 21 | - |
| 1932 | 90 | 3798 | 52 | 1329 | - | 41 | - |
| 1933 | 57 | 3403 | 69 | 1251 | - | 20 | - |
| 1934 | 59 | 3427 | 93 | 1232 | 26 | 94 | 1451 |
| 1935 | 45 | 3246 | 279 | 1236 | - | 65 | 32 |
| 1936 | 28 | 3165 | 312 | 1204 | 26 | 46 | 255 |
| 1937 | 27 | 3101 | 150 | 1192 | 5 | 131 | 245 |
| 1938 | 58 | 2912 | 257 | 1518 | 3 | 49 | 795 |
| 10 Yr. Ave. | 53 | 3347 | 183 | 1263 | 8 | 54 | 230 |

10 Yr. Ave. Acres - Spring Wheat 9

*Included in "All Tame Hay".

Popcorn 65 Winter Wheat 14 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 9
LAND UTILIZATION AND YIELDS

15

Okoboji Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | FLAXSEED | | BARLEY | |
|------------|--------------|------------------------|----------------------|-------|--------------|-------|--------------|----------|--------------|--------|--------------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 107 | 22715 | 212 | 7876 | 32 | 4841 | 36 | 32 | 9 | 1374 | 30 |
| 1930 | 117 | 22491 | 192 | 7592 | 34 | 5359 | 29 | 45 | 10 | 715 | 29 |
| 1931 | 119 | 22474 | 189 | 7537 | 29 | 4870 | 31 | 56 | 7 | 1130 | 27 |
| 1932 | 109 | 21861 | 201 | 7442 | 35 | 4771 | 31 | 40 | 12 | 1413 | 22 |
| 1933 | 113 | 22416 | 198 | 7887 | 42 | 3926 | 12 | 100 | 2 | 1154 | 10 |
| 1934 | 115 | 22367 | 194 | 6017 | 30 | 4534 | 14 | 30 | 5 | 1155 | 13 |
| 1935 | 115 | 22232 | 193 | 6401 | 36 | 4846 | 33 | 44 | 10 | 1509 | 26 |
| 1936 | 116 | 21534 | 186 | 7204 | 18 | 4671 | 18 | 5 | 10 | 1204 | 11 |
| 1937 | 110 | 21575 | 196 | 7151 | 42 | 4621 | 43 | 73 | 8 | 870 | 29 |
| 1938 | 112 | 22535 | 201 | 6917 | 43 | 4896 | 34 | 12 | 12 | 574 | 23 |
| 0 Yr. Ave. | 113 | 22220 | 196 | 7202 | 35 | 4734 | 28 | 44 | 7 | 1110 | 22 |

| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | |
|------------|-------|--------------|----------|--------------|-------------------|-------------------------------|--------------------------|-------------------|--------------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres* | Red & Als. Clo. Acres * | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 27 | 15 | 10 | 8 | - | 13 | 33 | 291 | 898 |
| 1930 | 51 | 13 | - | - | - | 15 | 15 | 322 | 798 |
| 1931 | 202 | 18 | - | - | 30 | - | 20 | 222 | 531 |
| 1932 | 115 | 18 | 26 | 8 | - | - | 19 | 346 | 580 |
| 1933 | 78 | 15 | 62 | 15 | - | 14 | 51 | 381 | 721 |
| 1934 | 47 | 4 | 36 | 3 | - | - | 55 | 547 | 873 |
| 1935 | 145 | 18 | 39 | 13 | 20 | - | 17 | 578 | 1053 |
| 1936 | 49 | 15 | 3 | 20 | - | - | 33 | 705 | 1197 |
| 1937 | 152 | 11 | 48 | 13 | - | - | - | 731 | 1081 |
| 1938 | 83 | 9 | 97 | 20 | - | - | - | 670 | 1208 |
| 0 Yr. Ave. | 95 | 15 | 32 | 14 | 5 | 4 | 24 | 479 | 894 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Bldgs., Feed Lots, Highways Acres | Wood Lots for Tim- ber only Acres | Waste- land Acres | Idle Crop Land Acres |
|------------|----------------------|-------------------------|--------------------------------|--------------------------------------------|--------------------------------------------|-------------------------|-------------------------------|
| 1929 | 174 | 6017 | 38 | 1206 | 57 | 132 | - |
| 1930 | 276 | 6537 | 22 | 953 | 113 | 15 | - |
| 1931 | 81 | 6855 | 18 | 1066 | 22 | 40 | 16 |
| 1932 | 166 | 6122 | 5 | 1110 | 2 | 50 | - |
| 1933 | 187 | 6025 | 15 | 1034 | 2 | 2 | 1172 |
| 1934 | 119 | 6558 | 1661 | 931 | 79 | 39 | 233 |
| 1935 | 97 | 6281 | 423 | 1133 | 16 | 108 | 100 |
| 1936 | 110 | 5803 | 218 | 963 | 50 | 24 | - |
| 1937 | 69 | 5883 | 304 | 1156 | 80 | 73 | 14 |
| 1938 | 73 | 5726 | 570 | 1272 | 20 | 388 | 699 |
| 0 Yr. Ave. | 135 | 6181 | 327 | 1082 | 44 | 87 | 223 |

0 Yr. Ave. Acres - Spring Wheat 13

*Included in "All Tame Hay".

opcorn 20 Winter Wheat 5 Source: Iowa Department of Agriculture.

Acres also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 10
LAND UTILIZATION AND YIELDS

Richland Township

| Year | No. Farms | Acreages in Farms | Ave. Farm Size | CORN | | OATS | | FLAXSEED | | BARLEY | |
|-------------|-----------|-------------------|----------------|-------|-----------|-------|-----------|----------|-----------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 106 | 22736 | 214 | 8494 | 38 | 5930 | 39 | 98 | 12 | 2177 | 34 |
| 1930 | 102 | 22192 | 218 | 8837 | 32 | 5913 | 41 | 292 | 14 | 1467 | 31 |
| 1931 | 101 | 22565 | 223 | 9031 | 36 | 5933 | 41 | 135 | 12 | 1468 | 34 |
| 1932 | 101 | 22741 | 225 | 9505 | 43 | 5773 | 35 | 499 | 11 | 1452 | 21 |
| 1933 | 104 | 22426 | 216 | 9022 | 47 | 6030 | 18 | 536 | 4 | 1620 | 13 |
| 1934 | 104 | 23022 | 221 | 7464 | 36 | 5664 | 18 | 274 | 5 | 1517 | 16 |
| 1935 | 104 | 23194 | 223 | 7922 | 41 | 6519 | 36 | 25 | 9 | 2302 | 24 |
| 1936 | 105 | 23171 | 221 | 8838 | 24 | 5649 | 30 | 87 | 9 | 1494 | 18 |
| 1937 | 108 | 23197 | 215 | 8759 | 52 | 6256 | 47 | 140 | 12 | 1076 | 32 |
| 1938 | 105 | 23165 | 221 | 7552 | 47 | 5809 | 33 | 162 | 12 | 1082 | 25 |
| 10 Yr. Ave. | 104 | 22841 | 220 | 8542 | 40 | 5948 | 34 | 225 | 9 | 1566 | 25 |

| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | |
|-------------|-------|-----------|----------|-----------|---------------|------------------------|--------------------|----------------|--------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 60 | 18 | - | - | 10 | - | 7 | 316 | 769 |
| 1930 | 102 | 15 | - | - | - | - | - | 419 | 934 |
| 1931 | 82 | 23 | - | - | - | - | 45 | 452 | 826 |
| 1932 | 50 | 9 | - | - | 7 | - | - | 499 | 694 |
| 1933 | 23 | 19 | - | - | - | - | 4 | 541 | 880 |
| 1934 | 7 | 17 | 40 | 12 | - | - | - | 566 | 1699 |
| 1935 | 20 | 24 | 22 | 8 | 17 | 7 | - | 629 | 1170 |
| 1936 | 18 | 15 | - | - | - | - | 20 | 707 | 1128 |
| 1937 | 37 | 23 | - | - | 24 | 14 | - | 771 | 1244 |
| 1938 | 28 | 10 | 21 | 20 | 23 | 64 | 10 | 762 | 1340 |
| 10 Yr. Ave. | 43 | 17 | 8 | 13 | 8 | 8 | 9 | 566 | 1068 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Bldgs., Feed Lots, Highways Acres | Wood Lots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres |
|-------------|----------------|-------------------|-----------------------|-----------------------------------|---------------------------------|------------------|----------------------|
| 1929 | 134 | 3307 | 47 | 1189 | 4 | 10 | - |
| 1930 | 84 | 3472 | 28 | 1046 | - | 17 | - |
| 1931 | 71 | 3488 | 117 | 1252 | - | 117 | - |
| 1932 | - | 3237 | 184 | 1123 | - | 2 | 215 |
| 1933 | 75 | 3059 | 37 | 1105 | 30 | 5 | - |
| 1934 | 150 | 3351 | 166 | 1263 | 8 | 65 | 1354 |
| 1935 | 119 | 3387 | 233 | 1230 | 1 | 142 | 85 |
| 1936 | 105 | 3427 | 148 | 1268 | 6 | 115 | 868 |
| 1937 | 99 | 3550 | 169 | 1262 | 11 | 134 | 436 |
| 1938 | 73 | 3503 | 198 | 1353 | 1 | 125 | 1885 |
| 10 Yr. Ave. | 91 | 3428 | 133 | 1209 | 6 | 73 | 484 |

10 Yr. Ave. Acres - Spring Wheat 39

*Included in "All Tame Hay".

Winter Wheat 9

Popcorn 7

Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 11
LAND UTILIZATION AND YIELDS

Silver Lake Township

| Year | No. Farms | Acreages in Farms | Ave. Farm Size | CORN | | OATS | | FLAXSEED | | BARLEY | |
|-------------|--------------|----------------------|----------------------|-------|--------------|-------|--------------|----------|--------------|--------|--------------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 76 | 16914 | 223 | 5881 | 40 | 3405 | 43 | 65 | 12 | 1194 | 37 |
| 1930 | 76 | 16891 | 222 | 5446 | 30 | 3467 | 38 | 60 | 15 | 990 | 30 |
| 1931 | 76 | 16818 | 221 | 5587 | 30 | 3303 | 30 | 173 | 9 | 815 | 28 |
| 1932 | 76 | 16866 | 222 | 5725 | 45 | 2995 | 45 | 136 | 12 | 1123 | 28 |
| 1933 | 77 | 15974 | 207 | 5537 | 50 | 3227 | 18 | 198 | 5 | 1432 | 14 |
| 1934 | 75 | 15655 | 209 | 4524 | 35 | 2825 | 20 | 103 | 3 | 1329 | 15 |
| 1935 | 72 | 16181 | 225 | 4819 | 35 | 3011 | 40 | 12 | 19 | 1681 | 26 |
| 1936 | 75 | 15354 | 211 | 5281 | 26 | 2987 | 31 | 14 | 11 | 1120 | 21 |
| 1937 | 74 | 13156 | 218 | 5631 | 50 | 3146 | 51 | 155 | 12 | 1096 | 34 |
| 1938 | 71 | 15736 | 222 | 4872 | 48 | 2712 | 43 | 33 | 11 | 1389 | 28 |
| 10 Yr. Ave. | 75 | 16304 | 218 | 5335 | 39 | 3083 | 36 | 95 | 9 | 1217 | 26 |

| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | |
|-------------|-------|--------------|----------|--------------|-------------------|------------------------------|--------------------------|-------------------|--------------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres* | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 48 | 20 | -- | -- | -- | -- | -- | 325 | 745 |
| 1930 | 72 | 27 | -- | -- | -- | 8 | -- | 405 | 942 |
| 1931 | 62 | 22 | -- | -- | -- | -- | -- | 380 | 798 |
| 1932 | 117 | 19 | -- | -- | -- | -- | -- | 534 | 832 |
| 1933 | 123 | 31 | 4 | 14 | -- | -- | -- | 626 | 878 |
| 1934 | 179 | 19 | 6 | 12 | -- | -- | -- | 698 | 1106 |
| 1935 | 224 | 18 | 32 | 9 | -- | -- | -- | 683 | 900 |
| 1936 | 156 | 23 | 14 | 6 | -- | -- | 16 | 615 | 927 |
| 1937 | 241 | 24 | 22 | 6 | -- | 6 | -- | 709 | 966 |
| 1938 | 129 | 19 | 53 | 14 | -- | -- | 76 | 727 | 1158 |
| 10 Yr. Ave. | 135 | 22 | 13 | 11 | 0 | 1 | 9 | 570 | 925 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Bldgs., Feed Lots, Highways Acres | Wood Lots for Tim- ber only Acres | Waste- land Acres | Idle Crop Land Acres |
|-------------|----------------------|-------------------------|--------------------------------|--------------------------------------------|--------------------------------------------|-------------------------|-------------------------------|
| 1929 | 453 | 4219 | 267 | 597 | -- | -- | 40 |
| 1930 | 306 | 4387 | 270 | 757 | -- | 194 | -- |
| 1931 | 199 | 4733 | 221 | 776 | -- | 101 | -- |
| 1932 | 194 | 4736 | 105 | 791 | -- | 112 | -- |
| 1933 | 230 | 5299 | 146 | 793 | -- | 57 | -- |
| 1934 | 246 | 3471 | 391 | 1111 | 16 | 142 | 406 |
| 1935 | 133 | 4064 | 339 | 807 | -- | 69 | 40 |
| 1936 | 234 | 3682 | 163 | 803 | 12 | 95 | 300 |
| 1937 | 249 | 3330 | 253 | 933 | 20 | 95 | 19 |
| 1938 | 255 | 3493 | 236 | 888 | 19 | 131 | 292 |
| 10 Yr. Ave. | 260 | 3946 | 231 | 826 | 7 | 100 | 110 |

10 Yr. Ave. Acres - Winter Wheat 8

Spring Wheat 26 Popcorn 15

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 12
LAND UTILIZATION AND YIELDS

Spirit Lake Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | FLAXSEED | | BARLEY | |
|-------------|-----------|------------------|----------------|-------|-----------|-------|-----------|----------|-----------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 62 | 11529 | 186 | 3446 | 36 | 2093 | 40 | - | - | 926 | 30 |
| 1930 | 60 | 10612 | 177 | 3303 | 25 | 2141 | 37 | 60 | 11 | 572 | 31 |
| 1931 | 64 | 10987 | 172 | 3594 | 28 | 1982 | 36 | 119 | 8 | 600 | 32 |
| 1932 | 62 | 11080 | 179 | 3331 | 44 | 2050 | 37 | 113 | 13 | 741 | 24 |
| 1933 | 66 | 10737 | 163 | 3536 | 47 | 2182 | 20 | 145 | 5 | 737 | 14 |
| 1934 | 63 | 11419 | 181 | 2843 | 40 | 2102 | 19 | 69 | 2 | 578 | 15 |
| 1935 | 60 | 10692 | 178 | 2893 | 41 | 2155 | 40 | 33 | 15 | 752 | 26 |
| 1936 | 59 | 10520 | 178 | 3268 | 21 | 2019 | 28 | 40 | 5 | 411 | 17 |
| 1937 | 60 | 10952 | 183 | 3329 | 47 | 2255 | 45 | 18 | 10 | 483 | 30 |
| 1938 | 64 | 11543 | 180 | 3188 | 45 | 2416 | 39 | 21 | 14 | 339 | 26 |
| 10 Yr. Ave. | 62 | 11007 | 178 | 3273 | 38 | 2140 | 34 | 62 | 8 | 614 | 25 |

| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | |
|-------------|-------|-----------|----------|-----------|---------------|------------------------|--------------------|----------------|--------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 110 | 20 | - | - | - | 15 | 2 | 364 | 768 |
| 1930 | 95 | 19 | - | - | 8 | - | 12 | 377 | 590 |
| 1931 | 73 | 24 | - | - | 5 | - | 20 | 368 | 623 |
| 1932 | 50 | 19 | 10 | 12 | 8 | - | - | 436 | 670 |
| 1933 | 12 | 6 | - | - | - | - | - | 412 | 601 |
| 1934 | 3 | 9 | - | - | - | - | - | 431 | 895 |
| 1935 | 43 | 22 | - | - | 6 | 8 | 10 | 416 | 705 |
| 1936 | 29 | 22 | 10 | 6 | - | - | - | 437 | 580 |
| 1937 | 89 | 20 | - | - | 15 | - | - | 526 | 738 |
| 1938 | 70 | 25 | - | - | - | - | 22 | 628 | 820 |
| 10 Yr. Ave. | 57 | 21 | 2 | 9 | 4 | 2 | 7 | 440 | 699 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Bldgs., Feed Lots, Highways Acres | Wood Lots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres |
|-------------|----------------|-------------------|-----------------------|-----------------------------------|---------------------------------|------------------|----------------------|
| 1929 | 423 | 2573 | 57 | 742 | 117 | 271 | 1 |
| 1930 | 355 | 2372 | 50 | 599 | 106 | 309 | 40 |
| 1931 | 356 | 2612 | 45 | 656 | 48 | 246 | 8 |
| 1932 | 368 | 2468 | 134 | 620 | 125 | 352 | 40 |
| 1933 | 332 | 2065 | 95 | 638 | 141 | 212 | 41 |
| 1934 | 390 | 2770 | 137 | 658 | 93 | 223 | 658 |
| 1935 | 412 | 2612 | 108 | 598 | 56 | 255 | 54 |
| 1936 | 383 | 2700 | 179 | 624 | 24 | 121 | 132 |
| 1937 | 359 | 2506 | 88 | 655 | 49 | 217 | 151 |
| 1938 | 332 | 2742 | 101 | 685 | 15 | 578 | 214 |
| 10 Yr. Ave. | 371 | 2542 | 99 | 648 | 77 | 278 | 134 |

10 Yr. Ave. Acres - Spring Wheat 13Popcorn 0 Winter Wheat 0 Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Division of Agricultural Statistics.

TABLE 13
LAND UTILIZATION AND YIELDS

19

Superior Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | FLAXSEED | | BARLEY | |
|-------------|-----------|------------------|----------------|-------|-----------|-------|-----------|----------|-----------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 89 | 17645 | 198 | 5722 | 34 | 3641 | 36 | 106 | 14 | 1535 | 33 |
| 1930 | 87 | 17848 | 205 | 5758 | 28 | 4089 | 36 | 360 | 12 | 1168 | 31 |
| 1931 | 86 | 17753 | 206 | 5959 | 30 | 3505 | 36 | 518 | 9 | 1126 | 31 |
| 1932 | 86 | 17768 | 207 | 5889 | 39 | 3583 | 34 | 287 | 10 | 1665 | 21 |
| 1933 | 86 | 17749 | 206 | 5966 | 44 | 3889 | 17 | 199 | 4 | 1640 | 13 |
| 1934 | 86 | 17790 | 207 | 4732 | 36 | 3717 | 19 | 97 | 5 | 1296 | 15 |
| 1935 | 85 | 17746 | 209 | 4905 | 37 | 4268 | 37 | 24 | 12 | 1664 | 28 |
| 1936 | 88 | 17758 | 202 | 5593 | 22 | 3767 | 28 | 63 | 7 | 1203 | 18 |
| 1937 | 88 | 17521 | 199 | 5520 | 48 | 3927 | 48 | 17 | 11 | 849 | 31 |
| 1938 | 84 | 16907 | 201 | 5045 | 44 | 3868 | 40 | 45 | 14 | 811 | 31 |
| 10 Yr. Ave. | 86 | 17649 | 204 | 5509 | 36 | 3825 | 33 | 172 | 10 | 1301 | 24 |

| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | |
|-------------|-------|-----------|----------|-----------|---------------|------------------------|--------------------|----------------|--------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 305 | 28 | - | - | - | 25 | - | 352 | 925 |
| 1930 | 492 | 19 | - | - | - | - | - | 450 | 795 |
| 1931 | 418 | 20 | - | - | - | - | 20 | 401 | 749 |
| 1932 | 159 | 15 | - | - | - | - | 5 | 508 | 739 |
| 1933 | 127 | 18 | - | - | - | - | 53 | 629 | 912 |
| 1934 | 194 | 13 | 24 | 8 | 4 | 4 | - | 587 | 974 |
| 1935 | 195 | 24 | 17 | 11 | - | 11 | 8 | 632 | 978 |
| 1936 | 63 | 22 | - | - | - | - | - | 688 | 1053 |
| 1937 | 155 | 23 | - | - | - | 21 | 30 | 867 | 1137 |
| 1938 | 174 | 20 | 7 | 12 | - | 12 | 17 | 754 | 1143 |
| 10 Yr. Ave. | 228 | 20 | 5 | 10 | .4 | 7 | 13 | 587 | 940 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Bldgs., Feed Lots, Highways Acres | Wood Lots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres |
|-------------|----------------|-------------------|-----------------------|-----------------------------------|---------------------------------|------------------|----------------------|
| 1929 | 715 | 3526 | 42 | 981 | 5 | 92 | - |
| 1930 | 595 | 3510 | 36 | 1004 | - | 36 | 5 |
| 1931 | 539 | 3619 | 93 | 934 | 9 | 265 | 1 |
| 1932 | 559 | 3216 | 160 | 1049 | 10 | 405 | 42 |
| 1933 | 470 | 3029 | 144 | 967 | 3 | 325 | 25 |
| 1934 | 414 | 3601 | 722 | 943 | 2 | 288 | 782 |
| 1935 | 431 | 3633 | 346 | 968 | 4 | 272 | 33 |
| 1936 | 408 | 3726 | 99 | 1011 | - | 261 | 511 |
| 1937 | 394 | 3537 | 223 | 1042 | 10 | 269 | 411 |
| 1938 | 363 | 3226 | 268 | 1025 | 13 | 220 | 682 |
| 10 Yr. Ave. | 489 | 3462 | 213 | 992 | 6 | 243 | 249 |

10 Yr. Ave. Acres - Spring Wheat 6 *Included in "All Tame Hay".
 Popcorn 0 Winter Wheat 12 Source: Iowa Department of Agriculture.
 (Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 14
LAND UTILIZATION AND YIELDS

Westport Township

| Year | No. Farms | Acreages in Farms | Ave. Farm Size | CORN | | OATS | | FLAXSEED | | BARLEY | |
|-------------|-----------|-------------------|----------------|-------|-----------|-------|-----------|----------|-----------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 112 | 22564 | 201 | 8857 | 34 | 6037 | 36 | 14 | 7 | 1378 | 27 |
| 1930 | 106 | 22920 | 216 | 9241 | 27 | 6536 | 35 | 22 | 3 | 880 | 26 |
| 1931 | 107 | 22830 | 213 | 9235 | 29 | 6563 | 27 | 43 | 22 | 912 | 23 |
| 1932 | 106 | 22725 | 214 | 9370 | 33 | 6032 | 32 | 64 | 11 | 1438 | 22 |
| 1933 | 107 | 22716 | 212 | 9227 | 40 | 5973 | 13 | 57 | 5 | 1664 | 10 |
| 1934 | 109 | 22641 | 208 | 7708 | 32 | 5538 | 18 | 81 | 9 | 1537 | 16 |
| 1935 | 111 | 22293 | 201 | 7669 | 38 | 5568 | 37 | 34 | 13 | 2033 | 28 |
| 1936 | 109 | 22391 | 205 | 8704 | 21 | 5530 | 24 | 55 | 12 | 1302 | 17 |
| 1937 | 101 | 21811 | 216 | 8532 | 47 | 5410 | 46 | 83 | 12 | 1152 | 30 |
| 1938 | 105 | 21903 | 209 | 8083 | 46 | 5575 | 38 | 93 | 14 | 1067 | 23 |
| 10 Yr. Ave. | 107 | 22479 | 210 | 8663 | 35 | 5881 | 30 | 55 | 12 | 1342 | 22 |

| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | |
|-------------|-------|-----------|----------|-----------|---------------|------------------------|--------------------|----------------|--------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 193 | 18 | 1 | 11 | - | - | - | 233 | 331 |
| 1930 | 122 | 23 | - | - | 10 | - | - | 232 | 902 |
| 1931 | 123 | 19 | 1 | 10 | - | - | 5 | 277 | 767 |
| 1932 | 22 | 20 | - | - | 10 | - | - | 512 | 896 |
| 1933 | 62 | 9 | - | - | - | - | - | 395 | 805 |
| 1934 | 100 | 5 | - | - | - | - | 15 | 402 | 1063 |
| 1935 | 136 | 23 | - | - | - | - | 90 | 641 | 1152 |
| 1936 | 26 | 10 | 4 | 10 | 12 | - | 24 | 596 | 1147 |
| 1937 | 43 | 19 | 42 | 16 | - | - | 35 | 621 | 1338 |
| 1938 | - | - | - | - | - | - | - | 520 | 1494 |
| 10 Yr. Ave. | 83 | 17 | 5 | 15 | 3 | 0 | 17 | 443 | 1050 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Bldgs., Feed Lots, Highways Acres | Wood Lots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres |
|-------------|----------------|-------------------|-----------------------|-----------------------------------|---------------------------------|------------------|----------------------|
| 1929 | 153 | 3862 | 75 | 1031 | 36 | 46 | - |
| 1930 | 156 | 3811 | 84 | 1120 | 16 | 20 | - |
| 1931 | 78 | 3738 | 35 | 1189 | - | 68 | 20 |
| 1932 | 113 | 3541 | 62 | 1142 | 3 | 29 | 3 |
| 1933 | 56 | 3577 | 79 | 1116 | 21 | 59 | 20 |
| 1934 | 82 | 3850 | 101 | 1207 | 29 | 101 | 1179 |
| 1935 | 89 | 3666 | 352 | 1319 | - | 54 | 71 |
| 1936 | 79 | 3771 | 85 | 1194 | 7 | 47 | 404 |
| 1937 | 39 | 3406 | 41 | 1202 | - | 160 | 278 |
| 1938 | 45 | 3768 | 33 | 1230 | - | 93 | 422 |
| 10 Yr. Ave. | 89 | 3704 | 95 | 1175 | 11 | 68 | 240 |

10 Yr. Ave. Acres - Winter Wheat 6

*Included in "All Tame Hay".

Spring Wheat 4

Popcorn 2

Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 15
LAND UTILIZATION AND YIELDS

31

Total Incorporated Town Data - Arnolds Park, Lake Park, Milford, Okoboji, Orleans,
Spirit Lake, Superior, Terril, W. Okoboji

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | FLAXSEED | | BARLEY | |
|-------------|--------------|------------------------|----------------------|-------|--------------|-------|--------------|----------|--------------|--------|--------------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 31 | 1963 | 63 | 653 | 34 | 308 | 32 | - | - | 46 | 34 |
| 1930 | 55 | 1604 | 29 | 502 | 34 | 244 | 35 | - | - | 43 | 31 |
| 1931 | 50 | 1714 | 34 | 605 | 28 | 190 | 33 | - | - | 21 | 32 |
| 1932 | 37 | 938 | 25 | 297 | 43 | 147 | 44 | - | - | 51 | 32 |
| 1933 | 54 | 1698 | 31 | 459 | 48 | 145 | 15 | - | - | 85 | 17 |
| 1934 | 43 | 1600 | 37 | 425 | 35 | 163 | 23 | - | - | 61 | 14 |
| 1935 | 51 | 1750 | 34 | 527 | 40 | 249 | 33 | 6 | 14 | 21 | 26 |
| 1936 | 57 | 1669 | 29 | 355 | 22 | 275 | 24 | - | - | 37 | 30 |
| 1937 | 61 | 1652 | 27 | 539 | 41 | 220 | 40 | 22 | 9 | - | - |
| 1938 | 64 | 1646 | 26 | 433 | 46 | 247 | 35 | 12 | 12 | 26 | 24 |
| 10 Yr. Ave. | 50 | 1623 | 32 | 480 | 38 | 219 | 32 | 4 | 11 | 39 | 25 |

| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | |
|-------------|-------|--------------|----------|--------------|------------------|------------------------------|--------------------------|-------------------|--------------------------|
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres |
| 1929 | 1 | 20 | - | - | - | - | - | 67 | 100 |
| 1930 | - | - | - | - | - | - | - | 70 | 102 |
| 1931 | - | - | - | - | - | - | - | 57 | 117 |
| 1932 | - | - | - | - | - | - | - | 57 | 96 |
| 1933 | - | - | - | - | - | - | - | 94 | 206 |
| 1934 | - | - | - | - | - | - | - | 101 | 185 |
| 1935 | - | - | - | - | - | - | - | 105 | 165 |
| 1936 | - | - | - | - | - | - | - | 135 | 177 |
| 1937 | - | - | 8 | 19 | - | - | - | 96 | 120 |
| 1938 | - | - | - | - | - | - | - | 64 | 98 |
| 10 Yr. Ave. | .1 | 20 | 1 | 19 | - | - | - | 85 | 137 |

| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Bldgs., Feed Lots, Highways Acres | Wood Lots for Tim- ber only Acres | Waste- land Acres | Idle Crop Land Acres |
|-------------|----------------------|-------------------------|--------------------------------|--------------------------------------------|--------------------------------------------|-------------------------|-------------------------------|
| 1929 | 46 | 638 | 10 | 152 | 4 | - | - |
| 1930 | 10 | 548 | 7 | 87 | 4 | 57 | - |
| 1931 | 75 | 486 | 18 | 147 | 12 | 43 | - |
| 1932 | 10 | 244 | 14 | 69 | 10 | - | - |
| 1933 | 66 | 586 | 42 | 89 | 20 | - | - |
| 1934 | 65 | 478 | 53 | 69 | 37 | - | 59 |
| 1935 | 36 | 568 | 33 | 100 | 45 | - | - |
| 1936 | 81 | 522 | 32 | 114 | 43 | 33 | - |
| 1937 | 92 | 420 | 27 | 126 | 39 | 39 | - |
| 1938 | 62 | 583 | 36 | 88 | 40 | 21 | - |
| 10 Yr. Ave. | 54 | 507 | 27 | 104 | 25 | 19 | 6 |

10 Yr. Ave. Acres - Spring Wheat 2 *Included in "All Tame Hay".

Popcorn 2 Winter Wheat 2 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops.") Division of Agricultural Statistics.

TABLE 16
COUNTY LIVESTOCK NUMBERS
January 1

| Year | All Cattle* | Milk Cows | Horses | Mules | Sheep | Hogs |
|------|-------------|-----------|--------|-------|--------|--------|
| 1870 | 1,385 | 526 | 394 | 11 | - | 674 |
| 1880 | 4,464 | 1,404 | 1,086 | 24 | 1,032 | 2,977 |
| 1890 | 13,637 | 3,574 | 3,374 | 89 | 3,207 | 7,405 |
| 1900 | 25,417 | 6,567 | 6,623 | 115 | 6,527 | 13,558 |
| 1910 | 23,943 | 7,299 | 7,094 | 130 | 6,193 | 19,516 |
| 1920 | 28,586 | 7,964 | 8,367 | 397 | 4,568 | 44,826 |
| 1925 | 26,402 | 8,712 | 7,808 | 500 | 3,395 | 51,921 |
| 1930 | 23,907 | 8,895 | 7,548 | 416 | 6,841 | 53,565 |
| 1935 | 35,311 | 10,472 | 6,511 | 285 | 24,526 | 39,060 |
| 1936 | 32,804 | 9,874 | 6,282 | 283 | 9,954 | 39,347 |
| 1937 | 29,027 | 9,670 | 5,956 | 249 | 9,460 | 38,056 |
| 1938 | 30,621 | 9,494 | 5,465 | 223 | 12,146 | 44,122 |
| 1939 | 30,330 | 9,477 | 5,020 | 220 | 12,643 | 47,967 |

The figures in this table for the years 1870-1935 inclusive have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted state farm assessors' figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 17 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted state farm assessors' figures.

*Includes Milk Cows.

TABLE 17
LIVESTOCK NUMBERS
By Townships

| Township | 1936 | | | | | 1937 | | | | |
|--------------|--------|-------|--------|-------|-------|--------|-------|--------|-------|-------|
| | Horses | Mules | Cattle | Sheep | Hogs | Horses | Mules | Cattle | Sheep | Hogs |
| Center Grove | 466 | 22 | 2052 | 760 | 2374 | 421 | 14 | 1814 | 643 | 1717 |
| Diamond Lake | 483 | 7 | 2254 | 792 | 2526 | 409 | 7 | 1925 | 703 | 2085 |
| Excelsior | 512 | 29 | 2620 | 368 | 2554 | 480 | 31 | 2293 | 616 | 2906 |
| Lakeville | 403 | 8 | 1901 | 212 | 2038 | 447 | 6 | 1849 | 246 | 2313 |
| Lloyd | 545 | 29 | 2255 | 393 | 2810 | 484 | 20 | 2053 | 238 | 2825 |
| Milford | 530 | 16 | 2039 | 574 | 1643 | 492 | 13 | 1824 | 390 | 1558 |
| Okoboji | 516 | 20 | 2567 | 837 | 3444 | 478 | 26 | 2342 | 1083 | 2464 |
| Richland | 587 | 20 | 2563 | 456 | 3199 | 573 | 17 | 2521 | 480 | 3211 |
| Silver Lake | 389 | 23 | 2334 | 1195 | 2375 | 367 | 24 | 2461 | 395 | 2961 |
| Spirit Lake | 274 | 15 | 1713 | 515 | 1934 | 223 | 19 | 1336 | 425 | 1350 |
| Superior | 485 | 25 | 2098 | 173 | 2276 | 474 | 20 | 2017 | 671 | 2091 |
| Westport | 574 | 14 | 2909 | 145 | 3334 | 518 | 5 | 2347 | 253 | 2745 |
| ALL TOWNS | 65 | 4 | 298 | 46 | 135 | 59 | 5 | 186 | 47 | 138 |
| COUNTY | 5829 | 232 | 27603 | 6466 | 30632 | 5425 | 207 | 24963 | 6190 | 28364 |

| Township | 1938 | | | | | 1939 | | | | |
|--------------|--------|-------|--------|-------|-------|--------|-------|--------|-------|-------|
| | Horses | Mules | Cattle | Sheep | Hogs | Horses | Mules | Cattle | Sheep | Hogs |
| Center Grove | 419 | 18 | 2033 | 726 | 1959 | 358 | 24 | 1901 | 809 | 2259 |
| Diamond Lake | 406 | 2 | 1922 | 855 | 2746 | 372 | 2 | 1921 | 880 | 2963 |
| Excelsior | 423 | 21 | 2251 | 338 | 2741 | 377 | 20 | 2322 | 490 | 3196 |
| Lakeville | 404 | 4 | 1986 | 94 | 2372 | 319 | 2 | 952 | 514 | 3019 |
| Lloyd | 429 | 15 | 1929 | 609 | 2817 | 400 | 27 | 2023 | 383 | 2818 |
| Milford | 476 | 9 | 1680 | 320 | 2278 | 474 | 13 | 2177 | 516 | 3198 |
| Okoboji | 433 | 29 | 2185 | 1305 | 3302 | 445 | 12 | 2094 | 1656 | 3781 |
| Richland | 536 | 20 | 2398 | 699 | 3147 | 495 | 17 | 2404 | 504 | 3810 |
| Silver Lake | 326 | 11 | 2577 | 1896 | 2883 | 296 | 12 | 2259 | 1226 | 3673 |
| Spirit Lake | 234 | 27 | 1451 | 371 | 1920 | 225 | 27 | 1499 | 408 | 2294 |
| Superior | 412 | 12 | 1870 | 407 | 2335 | 377 | 18 | 1772 | 385 | 2687 |
| Westport | 466 | 19 | 2545 | 767 | 3500 | 459 | 10 | 2615 | 1209 | 4346 |
| ALL TOWNS | 59 | 2 | 186 | 51 | 83 | 36 | 4 | 219 | 109 | 145 |
| COUNTY | 5023 | 189 | 25013 | 8438 | 32083 | 4633 | 188 | 24158 | 9089 | 38189 |

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 16 for magnitude of the bias.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 18
CREAMERY STATISTICS

| Year | Number of Creameries in County | Butter Made | Butter Sold in Iowa | Butter Sold Out of Iowa |
|------|-----------------------------------------|--------------------|---------------------------|-------------------------------|
| | | Thousand Pounds | Thousand Pounds | Thousand Pounds |
| 1905 | 5 | 360 | 29 | 331 |
| 1906 | 5 | 521 | 36 | * |
| 1907 | 6 | 602 | 40 | * |
| 1908 | 5 | 573 | 52 | * |
| 1909 | 5 | 510 | 54 | * |
| 1910 | 5 | 455 | 44 | * |
| 1911 | 4 | 426 | 36 | * |
| 1912 | 4 | 406 | 39 | 367 |
| 1913 | 5 | 854 | 53 | 801 |
| 1914 | * | * | * | * |
| 1915 | 5 | 813 | 176 | 637 |
| 1916 | 4 | 815 | 163 | 652 |
| 1917 | 4 | 846 | 119 | 728 |
| 1918 | 4 | 589 | 413 | 591 |
| 1919 | 3 | 345 | 79 | 172 |
| 1920 | 3 | 10,000 | 147 | 375 |
| 1921 | 3 | 582 | 144 | 438 |
| 1922 | 3 | 843 | 158 | 685 |
| 1923 | 3 | 945 | 153 | 791 |
| 1924 | 3 | 872 | 131 | 742 |
| 1925 | 3 | 976 | 366 | 609 |
| 1926 | 3 | 655 | 63 | 592 |
| 1927 | 3 | 695 | 122 | 573 |
| 1928 | 3 | 724 | 149 | 576 |
| 1929 | 3 | 755 | 191 | 545 |
| 1930 | 2 | 474 | 136 | 338 |
| 1931 | 4 | 560 | 176 | 380 |
| 1932 | 4 | 477 | 181 | 296 |
| 1933 | 4 | 699 | 250 | 449 |
| 1934 | 3 | 758 | 466 | 192 |
| 1935 | 1 | 158 | 75 | 83 |
| 1936 | 1 | 60 | 60 | * |
| 1937 | 1 | 57 | 56 | * |
| 1938 | 2 | 68 | 67 | * |

The sum of the two columns "Butter Sold in Iowa" and "Butter Sold out of Iowa" is not intended to equal the second column, "Butter Made", because stocks of butter on hand at end of the year and butter used for miscellaneous purposes are not included in this table.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Not given in source.

TABLE 19
CHICKENS AND EGGS
1880-1935

| Year | Chickens Number | Eggs Produced Dozen |
|------|--------------------|---------------------------|
| 1880 | 6,997 | 31,117 |
| 1885 | 17,467 | 46,557 |
| 1890 | 30,410 | 139,604 |
| 1895 | 54,233 | 177,590 |
| 1900 | 72,443 | 387,960 |
| 1905 | 93,418 | 323,340 |
| 1910 | 100,312 | 328,737 |
| 1915 | 120,525 | 484,448 |
| 1920 | 132,120 | 524,400 |
| 1925 | 156,887 | 759,804 |
| 1930 | 165,145 | 963,622 |
| 1935 | 164,176 | 868,317 |

Source: U. S. Agricultural Census.
Iowa Agricultural Census.

TABLE 20
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

| Year | Number of Farms | GRAIN CROPS | | | | | | | | |
|---------|-----------------|---------------------|--------------|--------------|-----------------|---------------|-----------------|---------------|----------------|------------------------|
| | | Corn | Oats | Winter Wheat | Spring Wheat | Barley | Rye | Buck-wheat | Soy-beans | Flax-seed |
| 1930 | 1221 | 1156 | 1082 | 7 | 18 | 532 | 77 | 3 | 1 | 58 |
| 1932 | 1189 | 1136 | 1058 | 10 | 23 | 593 | 59 | 0 | 3 | 73 |
| 1934 | 1222 | 1166 | 1047 | 9 | 17 | 558 | 53 | 3 | 12 | 45 |
| 1936 | 1221 | 1157 | 1103 | 2 | 18 | 538 | 52 | $\frac{1}{1}$ | 7 | 33 |
| 1938 | 1210 | 1145 | 1061 | 2 | 12 | 375 | 51 | $\frac{1}{1}$ | 28 | 39 |
| Average | 1213 | 1152 | 1070 | 6 | 18 | 519 | 58 | 2 | 10 | 50 |
| Year | Pop-corn | HAY CROPS | | | | | | | | Wild Hay |
| | | Clover and Timothy | Alfalfa | Soy-bean | Grain Cut Green | Clover | Timothy | Sudan Grass | Other Tame Hay | |
| 1930 | 13 | 263 | 488 | 9 | $\frac{1}{1}$ | 37 | 73 | 20 | 44 | 254 |
| 1932 | 1 | 141 | 559 | 12 | $\frac{1}{1}$ | 20 | 70 | 35 | 66 | 212 |
| 1934 | 6 | 107 | 657 | 122 | 199 | 45 | 29 | 167 | 243 | 243 |
| 1936 | 13 | 193 | 769 | 54 | 68 | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | 102 | 242 |
| 1938 | 11 | 226 | 791 | 187 | 73 | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | 82 | 207 |
| Average | 9 | 186 | 653 | 77 | 88 | 34 | 57 | 74 | 107 | 232 |
| Year | GRASS SEED | | | All Pasture | LIVESTOCK | | | | | |
| | Timothy | Red & Alsike Clover | Sweet Clover | | Horses | Mules | Cattle | Sheep | Hogs | Sows for Spring Farrow |
| 1930 | 4 | 3 | 3 | 1149 | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | 953 |
| 1932 | 6 | 0 | 5 | 1120 | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | 929 |
| 1934 | 1 | 1 | 7 | 1155 | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | 899 |
| 1936 | 1 | 8 | 16 | 1147 | 1043 | 85 | 1086 | 234 | 981 | 887 |
| 1938 | 4 | 9 | 20 | 1048 | 1035 | 79 | 1084 | 278 | 1005 | 956 |
| Average | 3 | 4 | 10 | 1124 | 1039 | 82 | 1085 | 256 | 993 | 925 |
| Year | EQUIPMENT | | | | MISCELLANEOUS | | | | | Other Crops |
| | Trac-tors | Trucks | Autos | Radios | Pota-toes | Apples | Timber and Wood | Waste-land | Idle Crop Land | |
| 1930 | 357 | 221 | 1048 | 639 | 373 | 11 | 27 | 96 | 2 | 55 |
| 1932 | 292 | 169 | 999 | 260 | 181 | 35 | 18 | 117 | 24 | 44 |
| 1934 | 399 | 180 | 1045 | 570 | 373 | 36 | 29 | 233 | 622 | 298 |
| 1936 | 562 | 149 | 1035 | 818 | 299 | 29 | 28 | 130 | 251 | 208 |
| 1938 | 776 | 135 | 1059 | 917 | $\frac{1}{1}$ | $\frac{1}{1}$ | 16 | 203 | 370 | 282 |
| Average | 477 | 171 | 1037 | 641 | 306 | 28 | 24 | 156 | 254 | 177 |

$\frac{1}{1}$ Not given in source.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 21
FARM AND LAND TENURE

| Year | OWNERS | | | | PART-OWNERS | | | |
|--------------------|--------------|------------|-------------------|------------|--------------|------------|-------------------|------------|
| | No. of Farms | % of Total | No. of Farm Acres | % of Total | No. of Farms | % of Total | No. of Farm Acres | % of Total |
| 1928 | 320 | 27.0 | 57,156 | 24.1 | 91 | 7.7 | 22,265 | 9.4 |
| 1930 | 325 | 26.7 | 51,447 | 21.9 | 100 | 8.2 | 23,146 | 9.9 |
| 1932 | 330 | 28.0 | 57,031 | 24.3 | 88 | 7.5 | 22,763 | 9.7 |
| 1934 | 324 | 26.5 | 52,581 | 22.3 | 89 | 7.5 | 22,602 | 9.6 |
| 1936 | 326 | 26.7 | 54,217 | 23.0 | 105 | 8.6 | 26,033 | 11.1 |
| 1938 | 351 | 29.0 | 59,139 | 25.2 | 97 | 8.0 | 26,401 | 11.3 |
| 1928-38 Average | 329 | 27.5 | 55,262 | 23.5 | 95 | 7.9 | 23,863 | 10.1 |
| Year | TENANTS | | | | TOTALS | | | |
| | No. of Farms | % of Total | No. of Farm Acres | % of Total | No. of Farms | % of Total | No. of Farm Acres | % of Total |
| 1928 | 772 | 65.5 | 158,007 | 66.5 | 1,183 | 100.0 | 257,428 | 100.0 |
| 1930 | 795 | 65.1 | 160,239 | 68.2 | 1,220 | 100.0 | 234,832 | 100.0 |
| 1932 | 761 | 64.5 | 154,797 | 66.0 | 1,179 | 100.0 | 234,591 | 100.0 |
| 1934 | 808 | 66.2 | 160,403 | 68.1 | 1,221 | 100.0 | 235,536 | 100.0 |
| 1936 | 790 | 64.7 | 155,058 | 65.9 | 1,221 | 100.0 | 235,308 | 100.0 |
| 1938 | 762 | 63.0 | 148,770 | 63.5 | 1,210 | 100.0 | 234,310 | 100.0 |
| 1928-38 Average | 782 | 64.8 | 156,212 | 66.4 | 1,206 | 100.0 | 235,342 | 100.0 |

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 22
YEARS OF TENURE
January 1, 1935

| Owners | Dickinson County | | State of Iowa | |
|----------------------------------|-----------------------|-----------------------------------|-----------------------|----------------------------------|
| | Number of Farms | Per Cent of County Total | Number of Farms | Per Cent of State Total |
| On present farm less than 1 year | 18 | 5.3 | 4442 | 5.2 |
| 1 year | 15 | 4.4 | 3198 | 3.8 |
| 2 years | 12 | 3.6 | 3282 | 3.8 |
| 3 years | 9 | 2.7 | 2857 | 3.4 |
| 4 years | 9 | 2.7 | 3228 | 3.8 |
| 5-9 years | 69 | 20.7 | 11726 | 13.8 |
| 10-14 years | 39 | 11.7 | 11279 | 13.2 |
| 15 years and over | 163 | 48.9 | 45076 | 53.0 |
| TOTALS | 334 | 100.0 | 85088 | 100.0 |
| Tenants | | | | |
| On present farm less than 1 year | 152 | 19.3 | 21763 | 20.1 |
| 1 year | 127 | 16.1 | 15053 | 13.9 |
| 2 years | 83 | 10.5 | 11555 | 10.7 |
| 3 years | 56 | 7.1 | 8285 | 7.7 |
| 4 years | 58 | 7.3 | 7564 | 7.0 |
| 5 years and over | 313 | 39.7 | 43826 | 40.6 |
| TOTALS | 789 | 100.0 | 108046 | 100.0 |

Source: U. S. Agricultural Census.

TABLE 23
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

| Acres in Farms | Number of Farms | | | | | | | | | |
|----------------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|
| | 1928 | | 1930 | | 1932 | | 1934 | | 1936 | |
| | No. of Farms | % of Total | No. of Farms | % of Total | No. of Farms | % of Total | No. of Farms | % of Total | No. of Farms | % of Total |
| 0- 9 | 6 | .51 | 20 | 1.64 | 13 | 1.10 | 14 | 1.15 | 23 | 1.88 |
| 10- 29 | 20 | 1.69 | 34 | 2.79 | 32 | 2.71 | 34 | 2.78 | 34 | 2.79 |
| 30- 49 | 28 | 2.37 | 37 | 3.03 | 32 | 2.71 | 41 | 3.36 | 27 | 2.21 |
| 50- 69 | 17 | 1.44 | 20 | 1.64 | 8 | .68 | 10 | .82 | 12 | .98 |
| 70-109 | 103 | 8.71 | 122 | 10.00 | 96 | 8.14 | 109 | 8.93 | 107 | 8.76 |
| 110-149 | 119 | 10.06 | 106 | 8.69 | 103 | 8.74 | 116 | 9.50 | 111 | 9.09 |
| 150-189 | 412 | 34.83 | 418 | 34.26 | 418 | 35.45 | 433 | 35.46 | 444 | 36.36 |
| 190-229 | 107 | 9.04 | 95 | 7.79 | 98 | 8.31 | 106 | 8.68 | 98 | 8.03 |
| 230-269 | 114 | 9.63 | 121 | 9.92 | 131 | 11.11 | 119 | 9.75 | 131 | 10.73 |
| 270-309 | 44 | 3.72 | 44 | 3.61 | 44 | 3.73 | 46 | 3.77 | 32 | 2.62 |
| 310-349 | 136 | 11.49 | 129 | 10.57 | 131 | 11.11 | 124 | 10.16 | 130 | 10.65 |
| 350-389 | 20 | 1.69 | 16 | 1.31 | 13 | 1.10 | 13 | 1.06 | 13 | 1.07 |
| 390-429 | 17 | 1.44 | 19 | 1.56 | 22 | 1.87 | 21 | 1.72 | 26 | 2.13 |
| 430-469 | 6 | .51 | 8 | .65 | 6 | .51 | 4 | .33 | 4 | .33 |
| 470-509 | 14 | 1.18 | 11 | .90 | 10 | .85 | 13 | 1.06 | 12 | .98 |
| 510-549 | 3 | .25 | 3 | .25 | 3 | .26 | 2 | .16 | 1 | .08 |
| 550-589 | 4 | .34 | 4 | .33 | 3 | .26 | 2 | .16 | 1 | .08 |
| 590-629 | 3 | .25 | 3 | .25 | 2 | .17 | 2 | .16 | 3 | .25 |
| 630-669 | 6 | .51 | 8 | .65 | 8 | .68 | 9 | .74 | 7 | .57 |
| 670-709 | 0 | 0 | 0 | 0 | 2 | .17 | 0 | 0 | 1 | .08 |
| 710-over | 4 | .34 | 2 | .16 | 4 | .34 | 3 | .25 | 4 | .33 |
| Total Farms | 1183 | 100.00 | 1220 | 100.00 | 1179 | 100.00 | 1221 | 100.00 | 1221 | 100.00 |

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 24
AUTOS, TRUCKS, TRACTORS, AND RADIOS
1926-39

| Year | Automobiles | Trucks | Tractors | Radios |
|------|-------------|--------|----------|--------|
| 1926 | 1175 | 149 | 222 | 208 |
| 1927 | 1164 | 175 | 236 | 347 |
| 1928 | 1291 | 178 | 222 | 444 |
| 1929 | 1217 | 202 | 279 | 553 |
| 1930 | 1215 | 230 | 339 | 636 |
| 1931 | 1211 | 221 | 365 | 635 |
| 1932 | 1148 | 212 | 368 | 584 |
| 1933 | 1084 | 173 | 302 | 296 |
| 1934 | 1139 | 175 | 323 | 435 |
| 1935 | 1149 | 183 | 399 | 565 |
| 1936 | 1157 | 163 | 459 | 756 |
| 1937 | 1143 | 161 | 609 | 821 |
| 1938 | 1144 | 146 | 706 | 856 |
| 1939 | 1201 | 139 | 833 | 935 |

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 25
ACREAGE OWNED BY CORPORATIONS
January 1, 1937

| Township | Insurance Companies | Banks | Land & Mort- gage Com- panies | Fed- eral Land Banks | Joint Stock Land Banks | Others | Total | % Farm Land Corpo- rate Owned |
|--------------|------------------------|-------|-------------------------------------------|-------------------------------|---------------------------------|--------|--------|-------------------------------------------|
| Lloyd | 2,869 | 320 | 960 | - | 952 | - | 5,101 | 22.51 |
| Milford | 2,213 | - | - | - | 811 | - | 3,024 | 13.51 |
| Okoboji | 2,517 | 238 | 122 | 240 | 316 | 160 | 3,586 | 16.04 |
| West Port | 3,589 | - | 160 | - | 120 | - | 3,869 | 17.96 |
| Richland | 4,302 | - | 1,840 | 160 | - | 320 | 6,622 | 28.96 |
| Center Grove | 2,451 | 20 | - | - | 560 | - | 3,031 | 17.28 |
| Lakeville | 2,819 | - | 560 | 343 | 200 | 153 | 4,075 | 22.98 |
| Excelsior | 3,925 | 297 | 460 | 200 | 280 | 706 | 5,868 | 26.10 |
| Superior | 5,088 | 120 | 888 | - | 40 | 662 | 6,798 | 39.48 |
| Spirit Lake | 639 | 150 | - | - | 200 | 19 | 1,008 | 8.15 |
| Diamond Lake | 2,506 | 1,149 | 280 | 80 | 520 | - | 4,535 | 27.47 |
| Silver Lake | 3,306 | - | 217 | - | 40 | - | 3,563 | 21.57 |
| COUNTY TOTAL | 36,217 | 2,294 | 5,487 | 1,023 | 4,039 | 2,020 | 51,080 | 22.00 |

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 26
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

| Township | Insurance Companies | Banks | Land & Mortgage Companies | Federal Land Banks | Joint Stock Land Banks | Others | Total | % Farm Land Corporate Owned |
|--------------|------------------------|-------|---------------------------------|--------------------------|---------------------------------|--------|--------|--------------------------------------|
| Lloyd | 3,189 | 320 | 960 | - | 792 | - | 5,261 | 23.21 |
| Milford | 2,213 | - | - | - | 491 | - | 2,704 | 12.08 |
| Okoboji | 2,660 | - | 680 | 240 | 236 | 160 | 3,976 | 17.78 |
| West Port | 3,269 | - | 160 | - | - | - | 3,429 | 15.92 |
| Richland | 4,575 | - | 1,360 | - | - | 320 | 6,255 | 27.35 |
| Center Grove | 2,691 | - | - | - | 591 | 80 | 3,362 | 19.17 |
| Lakeville | 2,859 | - | 560 | 343 | 200 | 233 | 4,195 | 23.66 |
| Excelsior | 4,008 | 297 | 1,120 | 200 | 120 | 746 | 6,491 | 28.87 |
| Superior | 4,808 | 120 | 888 | - | 40 | 547 | 6,403 | 37.18 |
| Spirit Lake | 559 | 150 | - | - | 319 | 19 | 1,038 | 8.40 |
| Diamond Lake | 1,984 | 1,149 | 280 | 80 | 440 | - | 3,933 | 23.82 |
| Silver Lake | 3,426 | - | 190 | - | - | - | 3,616 | 21.89 |
| COUNTY TOTAL | 36,241 | 2,036 | 6,198 | 863 | 3,220 | 2,105 | 50,663 | 21.82 |

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 27
VALUE OF FARM LAND AND BUILDINGS
1880-1935

| Year | Number of Farms* | Number of Acres* | Value of Land | Value of Buildings | Value of Land and Buildings | Value of Land & Bldgs. | |
|------|------------------|------------------|---------------|--------------------|-----------------------------|------------------------|----------|
| | | | | | | Per Acre | Per Farm |
| 1880 | 273 | 40,557 | \$ - | \$ - | \$ 424,760 | \$ 10.47 | \$ 1,556 |
| 1890 | 521 | 101,705 | - | - | 1,942,960 | 19.10 | 3,729 |
| 1900 | 995 | 221,970 | 6,243,020 | 970,260 | 7,213,280 | 32.50 | 7,250 |
| 1910 | 985 | 208,321 | 12,745,471 | 1,757,410 | 14,502,881 | 69.61 | 14,724 |
| 1920 | 1,043 | 208,396 | 40,307,064 | 4,288,536 | 44,595,600 | 213.99 | 42,757 |
| 1925 | 1,167 | 219,778 | 26,403,366 | 5,114,701 | 31,518,067 | 143.41 | 27,008 |
| 1930 | 1,224 | 232,177 | 20,393,179 | 4,968,370 | 25,361,549 | 109.23 | 20,720 |
| 1935 | 1,290 | 234,877 | - | - | 16,221,785 | 69.07 | 12,575 |

*Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

TABLE 28
REAL PROPERTY AND MONEYS AND CREDITS TAXES
COLLECTIBLE IN 1939, FOR ALL PURPOSES
(Exclusive of Special Assessments)

| | Cities and Towns | Rural Districts | Total for County |
|---------------------------------|---------------------|--------------------|---------------------|
| General State Tax | \$ 8,708.51 | \$ 24,379.44 | \$ 33,087.95 |
| Soldiers' Bonus Tax | 2,053.11 | 4,300.92 | 6,354.03 |
| General County Tax | 6,531.41 | 18,284.57 | 24,815.98 |
| Court Expense Tax | 2,090.02 | 5,851.05 | 7,941.07 |
| Poor Tax | 6,531.41 | 18,284.58 | 24,815.99 |
| Insane Tax, State Hospital | 522.51 | 1,462.75 | 1,985.26 |
| Insane Tax, County Hospital | - | - | - |
| County School Tax | 1,306.24 | 3,656.91 | 4,963.15 |
| Soldiers' Relief Tax | 522.50 | 1,462.75 | 1,985.25 |
| General County Bond Tax | 7,924.73 | 22,185.28 | 30,110.01 |
| Court House Tax | - | - | - |
| Emergency Tax | 4,354.25 | 12,189.69 | 16,543.94 |
| Bovine Tuberculosis Eradication | - | - | - |
| Secondary Roads - Construction | 2,090.04 | 5,851.06 | 7,941.10 |
| Secondary Roads - Maintenance | 5,399.29 | 49,246.43 | 54,645.72 |
| District School Tax | 74,266.74 | 163,443.32 | 237,710.06 |
| City Tax | 60,895.41 | - | 60,895.41 |
| Miscellaneous Taxes | 1,810.07 | 2,335.51 | 4,145.58 |
| Total | 185,006.24 | 332,934.26 | 517,940.50 * |

*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,
State Board of Assessment and Reivew.

TABLE 29
NUMBER OF SCHOOLS BY TYPE

| Type of School | Number of Schools | | |
|-----------------------------------|-------------------|---------|---------|
| | 1928-29 | 1933-34 | 1938-39 |
| 1. Kindergarten | 1 | 1 | 2 |
| 2. 1 room rural elementary | 31 | 26 | 23 |
| 3. 2 or more-room elementary | 1 | 1 | 1 |
| 4. Elementary, not rural | 9 | 15 | 10 |
| 5. Separately organized Jr. High | 2 | 3 | 3 |
| 6. Jr.-Sr. High, one organization | 2 | 1 | 2 |
| 7. Separately organized Sr. High | - | 2 | 3 |
| 8. Regular High, 4 years or less | 7 | 6 | 4 |
| 9. Junior College | - | - | - |
| Total Number of Schools | 53 | 55 | 48 |

TABLE 30
ENROLLMENT IN SCHOOLS BY TYPE

| Type of School | Enrollment in Schools | | |
|--------------------------------------|-----------------------|---------|---------|
| | 1928-29 | 1933-34 | 1938-39 |
| 1. Kindergarten | 33 | 42 | 49 |
| 2. One room rural elementary | 456 | 348 | 290 |
| 3. Two or more-room rural elementary | 31 | 28 | 39 |
| 4. Elementary, not rural | 1260 | 1345 | 1194 |
| 5. *Jr.-Sr. High, one organization | 440 | 706 | 839 |
| 6. Regular High, 4 years or less | 471 | 351 | 263 |
| 7. Junior College | - | - | - |
| Total Enrollment in all Schools | 2691 | 2820 | 2674 |

*Includes enrollment for school Types
5, 6 and 7 in Table 29.

Source: Annual Report of County Superintendents
to State Department of Public Instruction.

TABLE 31
MILES OF ROADS BY TYPE
January 1, 1939

| Type of Surface | Primary Roads Outside Corporations | Secondary Roads | | Total Mileage in Road System |
|-----------------|---------------------------------------------|-----------------|-----------------|---------------------------------|
| | | County Trunk | Local County | |
| Earth | | | | |
| Unimproved | - | - | 345.50 | 345.50 |
| Improved | - | - | 52.00 | 52.00 |
| Surfaced | | | | |
| Soil Surfaced | - | - | - | - |
| Shale | - | - | - | - |
| Gravel | 29.9 | 87.0 | 232.50 | 349.40 |
| Stone | - | - | - | - |
| Paved | | | | |
| Bituminous | 7.8 | - | - | 7.80 |
| Concrete | 26.1 | - | - | 26.10 |
| Brick | - | - | - | - |
| County Total | 63.8 | 87.0 | 630.00 | 780.80 |

Source: Annual Report, 1938,
Iowa Highway Commission.